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 Notes: Available on ADONIS, v. 23, no. 1 (1991) - v. 26, no. 12 (1994)
 ISSN: 0020-711X
 Subjects: Biochemistry -- Periodicals.
 Description: v. ill. 25 cm.
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 Status: Not Currently Received
 Media Type: film
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(FILE 'HOME' ENTERED AT 12:06:46 ON 11 APR 2006)

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, JAPIO' ENTERED AT 12:07:21 ON 11
APR 2006

L1 1 S (MYOFILAMENT PROTEIN) AND (CHEMICAL ADDUCT)
L2 1 S (TROPONIN I) AND (CHEMICAL ADDUCT)
L3 1 S TROPONIN? AND (CHEMICAL ADDUCT)
L4 0 S ACTIN? AND (CHEMICAL ADDUCT)
L5 0 S ACTININ AND (CHEMICAL ADDUCT)
L6 23504 S (MYOSIN LIGHT CHAIN)
L7 109 S L6 AND ADDUCT?
L8 57 DUPLICATE REMOVE L7 (52 DUPLICATES REMOVED)
L9 12 S L8 AND CHEMICA?
L10 14340 S (TROPONIN I)
L11 12790 S (TROPONIN T)
L12 8190 S (TROPONIN C)
L13 10123 S ACTININ?
L14 9343 S L13 AND ALPHA?
L15 843 S (MYOSIN LIGHT CHAIN 1)
L16 3 S L10 AND (POST TRANSLATION)
L17 0 S L11 AND (POST TRANSLATION)
L18 0 S L12 AND (POST TRANSLATION)
L19 34 S L14 AND (POST TRANSLATION)
L20 25 DUPLICATE REMOVE L19 (9 DUPLICATES REMOVED)
L21 410 DUPLICATE REMOVE L15 (433 DUPLICATES REMOVED)
L22 0 S L14 AND (POST TRANSLATION)
L23 5 S L21 AND REVIEW?
L24 5 DUPLICATE REMOVE L23 (0 DUPLICATES REMOVED)
L25 0 S L15 AND (POST TRANSLATION)
L26 949 S (POST TRANSLATION)
L27 3 S L26 AND L10
L28 0 S L26 AND L11
L29 0 S L26 AND L12
L30 0 S L26 AND L13
L31 3 DUPLICATE REMOVE L27 (0 DUPLICATES REMOVED)
L32 0 S L26 AND L15
L33 126 S L26 AND REVIEW?
L34 79 S L33 AND PROTEIN?
L35 2 S L34 AND MUSCLE?
L36 77 S L34 NOT L35
L37 62 DUPLICATE REMOVE L36 (15 DUPLICATES REMOVED)

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L26 949 S (POST TRANSLATION)
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L32 0 S L26 AND L15
L33 126 S L26 AND REVIEW?
L34 79 S L33 AND PROTEIN?
L35 2 S L34 AND MUSCLE?
L36 77 S L34 NOT L35
L37 62 DUPLICATE REMOVE L36 (15 DUPLICATES REMOVED)

=>

ANSWER 56 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1992:36314 CAPLUS
DN 116:36314
ED Entered STN: 08 Feb 1992
TI Post-translational chemical modification(s) of **proteins**
AU Han, Kia Ki; Martinage, Arlette
CS INSERM, Lille, 59045, Fr.
SO International Journal of Biochemistry (1992), 24(1), 19-28
CODEN: IJBOBV; ISSN: 0020-711X
DT Journal; General Review
LA English
CC 6-0 (General Biochemistry)
AB A **review**, with 91 refs. The role played by the modification of **protein** in determining its fate is reported. Post-translational modifications such as acetylation, phosphorylation, sulfation, methylation, hydroxylation, ADP-ribosylation, maturation, amidation, carboxylation, adenylation, glycosylation, ubiquitination, and prenylation are extensively **reviewed**. Each post-translational modification's significance and its role played in biol. function(s) is summarized in the general discussion and the conclusion's remark is directed at the problems left to solve (e.g. post-translational modification reactions in recombinant **protein** in modern genetic engineering).
ST **review protein post translation**
modification
IT **Proteins**, biological studies
RL: BIOL (Biological study)
(post-translational chemical modification of)

ANSWER 55 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN
AN .1993:575951 CAPLUS
DN 119:175951
ED Entered STN: 30 Oct 1993
TI Post-translational modifications: Unique amino acids in **proteins**
AU Krishna, Radha G.; Wold, Finn
CS Med. Sch., Univ. Texas, Houston, TX, 77225, USA
SO Front. New Horiz. Amino Acid Res., Proc. Bienn. Int. Conf., 1st (1992),
Meeting Date 1991, 183-95. Editor(s): Takai, Katsuji. Publisher:
Elsevier, Amsterdam, Neth.
CODEN: 59HEA5
DT Conference; General Review
LA English
CC 6-0 (General Biochemistry)
AB A **review** with 37 refs. discussing some features of these
post-translational reactions, focusing primarily on some new reactions,
some consideration of biol. functions, and of the specificity determinants
that select for modification only a few of the vast number of residues of a
given primary amino acid present in **proteins**.
ST **review** amino acid **post translation**
modification; **protein** amino acid modification **review**
IT Amino acids, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(post-translational reactions of)
IT **Proteins**, specific or class
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL
(Biological study); FORM (Formation, nonpreparative)
(modified, formation of, amino acid post-translational modifications
in)

ANSWER 55 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1993:575951 CAPLUS
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ED Entered STN: 30 Oct 1993
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CODEN: 59HEA5
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AB A **review** with 37 refs. discussing some features of these
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some consideration of biol. functions, and of the specificity determinants
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ST **review** amino acid **post translation**
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IT **Proteins**, specific or class
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL
(Biological study); FORM (Formation, nonpreparative)
(modified, formation of, amino acid post-translational modifications
in)

ANSWER 52 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1993:643611 CAPLUS
DN 119:243611
ED Entered STN: 11 Dec 1993
TI **Post-translation** modifications of **proteins**
AU Krishna, Radha G.; Wold, Finn
CS Med. Sch., Univ. Texas, Houston, TX, 77225, USA
SO Methods Protein Sequence Anal., [Proc. Int. Conf.], 9th (1993), Meeting
Date 1992, 167-71. Editor(s): Imahori, Kazutomo; Sakiyama, Fumio.
Publisher: Plenum, New York, N. Y.
CODEN: 59JRAK
DT Conference; General Review
LA English
CC 6-0 (General Biochemistry)
AB A **review** with many refs. that contains a last of the amino acid
derivs. known to exist in **proteins** in a manner that may be of
use to **protein** chemists concerned with **protein**
sequencing and with the prediction and elucidation of the complete
covalent structure of **proteins**. The list is of known
posttranslational derivs. with the associated mass changes involved in
converting the primary amino acids to the secondary amino acid derivs.
ST **review** amino acid posttranslation modification; **protein**
posttranslation modification **review**
IT **Proteins**, biological studies
RL: BIOL (Biological study)
(posttranslational modifications on)
IT Amino acids, biological studies
RL: BIOL (Biological study)
(posttranslationally modified)

ANSWER 52 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1993:643611 CAPLUS
DN 119:243611
ED Entered STN: 11 Dec 1993
TI **Post-translation** modifications of **proteins**
AU Krishna, Radha G.; Wold, Finn
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ST **review** amino acid posttranslation modification; **protein**
posttranslation modification **review**
IT **Proteins**, biological studies
RL: BIOL (Biological study)
(posttranslational modifications on)
IT Amino acids, biological studies
RL: BIOL (Biological study)
(posttranslationally modified)

ANSWER 42 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1999:744699 CAPLUS

DN 132:148095

ED Entered STN: 24 Nov 1999

TI **Protein** synthesis, post-translational modifications and aging

AU Rattan, Suresh I. S.; Clark, Brian F. C.

CS Laboratory of Cellular Ageing, University of Aarhus, Aarhus, DK-8000, Den.

SO Alfred Benzon Symposium (1999), 44(Molecular Biology of Aging), 316-327

CODEN: ABSYB2; ISSN: 0105-3639

PB Munksgaard International Publishers Ltd.

DT Journal; General Review

LA English

CC 6-0 (General Biochemistry)

Section cross-reference(s): 13

AB A **review**, with 69 refs. Factors affecting cell aging are discussed. Post-translational modifications of **proteins** are discussed extensively along with several aspects of **protein** synthesis.

ST **review** aging **protein** synthesis **post translation** modification

IT Aging, animal

Apoptosis

Cell aging

Post-translational processing

Translation, genetic

(**protein** synthesis, post-translational modifications and aging)

IT **Proteins**, general, biological studies

RL: BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study); PROC (Process)

(**protein** synthesis, post-translational modifications and aging)

RE.CNT 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Andersen, L; Molecular gerontology - research status and strategies 1996, P53 CAPLUS

ANSWER 42 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1999:744699 CAPLUS

DN 132:148095

ED Entered STN: 24 Nov 1999

TI **Protein** synthesis, post-translational modifications and aging

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Translation, genetic

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RL: BPR (Biological process); BSU (Biological study, unclassified); PRP

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(**protein** synthesis, post-translational modifications and aging)

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P53 CAPLUS

ANSWER 40 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:798939 CAPLUS
DN 136:33432
ED Entered STN: 04 Nov 2001
TI Processing of polypeptide chain in **protein** translation and
post-translation
AU Wang, Hui-zhen
CS Agriculture and Animal Husbandry School, Foshan University, Nanhai,
528231, Peop. Rep. China
SO Foshan Kexue Jishu Xueyuan Xuebao, Ziran Kexueban (2000), 18(2), 70-75
CODEN: FKJXA3; ISSN: 1008-0171
PB Foshan Kexue Jishu Xueyuan Xuebao Bianjibu
DT Journal; General Review
LA Chinese
CC 6-0 (General Biochemistry)
Section cross-reference(s): 3
AB A **review**. This paper **reviewed** the events in
protein translation and **post-translation**,
folding, compartmentalization, sorting and trafficking the polypeptide
chain. The function and influence of the modification of residues in
polypeptide upon the maturation of **protein** was also discussed.
ST **review** peptide chain **protein** translation sorting
trafficking modification
IT Post-translational processing
Translation, genetic
(processing of polypeptide chain in **protein** translation and
post-translation)
IT Peptides, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(processing of polypeptide chain in **protein** translation and
post-translation)

ANSWER 40 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:798939 CAPLUS
DN 136:33432
ED Entered STN: 04 Nov 2001
TI Processing of polypeptide chain in **protein** translation and
post-translation
AU Wang, Hui-zhen
CS Agriculture and Animal Husbandry School, Foshan University, Nanhai,
528231, Peop. Rep. China
SO Foshan Kexue Jishu Xueyuan Xuebao, Ziran Kexueban (2000), 18(2), 70-75
CODEN: FKJXA3; ISSN: 1008-0171
PB Foshan Kexue Jishu Xueyuan Xuebao Bianjibu
DT Journal; General Review
LA Chinese
CC 6-0 (General Biochemistry)
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AB A **review**. This paper **reviewed** the events in
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polypeptide upon the maturation of **protein** was also discussed.
ST **review** peptide chain **protein** translation sorting
trafficking modification
IT Post-translational processing
Translation, genetic
(processing of polypeptide chain in **protein** translation and
post-translation)
IT Peptides, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(processing of polypeptide chain in **protein** translation and
post-translation)

ANSWER 18 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:261179 CAPLUS
DN 141:187023
ED Entered STN: 31 Mar 2004
TI Analysis of **post-translation** modified **protein**
AU Kawasaki, Hiroshi
CS Kihara Biological Institute, Yokohama City University, Japan
SO Rinsho Kensa (2003), 47(11), 1233-1240
CODEN: RNKNAT; ISSN: 0485-1420
PB Igaku Shoin Ltd.
DT Journal; General Review
LA Japanese
CC 9-0 (Biochemical Methods)
AB A **review**.
ST **review** analysis **post translation**
protein
IT **Proteins**
RL: ANT (Analyte); ANST (Analytical study)
(**Post-translation** modified; anal. of **post**
-translation modified **protein**)
IT Post-translational processing
(anal. of **post-translation** modified **protein**
)

ANSWER 18 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:261179 CAPLUS
DN 141:187023
ED Entered STN: 31 Mar 2004
TI Analysis of **post-translation** modified **protein**
AU Kawasaki, Hiroshi
CS Kihara Biological Institute, Yokohama City University, Japan
SO Rinsho Kensa (2003), 47(11), 1233-1240
CODEN: RNKNAT; ISSN: 0485-1420
PB Igaku Shoin Ltd.
DT Journal; General Review
LA Japanese
CC 9-0 (Biochemical Methods)
AB A **review**.
ST **review** analysis **post translation**
protein
IT **Proteins**
RL: ANT (Analyte); ANST (Analytical study)
(**Post-translation** modified; anal. of **post**
-translation modified **protein**)
IT Post-translational processing
(anal. of **post-translation** modified **protein**
)

ANSWER 10 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:580127 CAPLUS

DN 142:51477

ED Entered STN: 20 Jul 2004

TI **Post translation** modification analysis

AU Satomi, Yoshinori; Takao, Toshifumi

CS Institute for Protein Research, Osaka University, Japan

SO Genomikusu, Puroteomikusu no Shintenkai [Seibutsu Joho no Kaiseki to Oyo]
(2004), 493-498. Editor(s): Imanaka, Tadayuki. Publisher: Enu-Ti-Esu,
Tokyo, Japan.

CODEN: 69FPYT; ISBN: 4-86043-049-2

DT Conference; General Review

LA Japanese

CC 9-0 (Biochemical Methods)

AB A **review**.

ST **review** post translational analysis **protein**

IT Post-translational processing

(post translational modification anal.)

IT **Proteins**

RL: ANT (Analyte); BSU (Biological study, unclassified); ANST (Analytical
study); BIOL (Biological study)

(post translational modification anal.)

ANSWER 10 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:580127 CAPLUS
DN 142:51477
ED Entered STN: 20 Jul 2004
TI **Post translation** modification analysis
AU Satomi, Yoshinori; Takao, Toshifumi
CS Institute for Protein Research, Osaka University, Japan
SO Genomikusu, Puroteomikusu no Shintenkai [Seibutsu Joho no Kaiseki to Oyo]
(2004), 493-498. Editor(s): Imanaka, Tadayuki. Publisher: Enu-Ti-Esu,
Tokyo, Japan.
CODEN: 69FPYT; ISBN: 4-86043-049-2
DT Conference; General Review
LA Japanese
CC 9-0 (Biochemical Methods)
AB A **review**.
ST **review** post translational analysis **protein**
IT Post-translational processing
(post translational modification anal.)
IT **Proteins**
RL: ANT (Analyte); BSU (Biological study, unclassified); ANST (Analytical
study); BIOL (Biological study)
(post translational modification anal.)

ANSWER 7 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:79628 CAPLUS

DN 143:225128

ED Entered STN: 31 Jan 2005

TI Chemical approaches to controlling intracellular **protein**
degradation

AU Schneckloth, John S., Jr.; Crews, Craig M.

CS Departments of Molecular, Cellular, and Developmental Biology, Chemistry,
and Pharmacology, Yale University, New Haven, CT, 06520, USA

SO ChemBioChem (2005), 6(1), 40-46

CODEN: CBCHFX; ISSN: 1439-4227

PB Wiley-VCH Verlag GmbH & Co. KGaA

DT Journal; General Review

LA English

CC 9-0 (Biochemical Methods)

Section cross-reference(s): 6, 7

AB A **review** on recent advances in **protein** inactivation at
the post-translational level, specifically comparing novel chemical and
biochem. methods to the post-transcriptional method of inactivation, RNA
interference.

ST **review protein** degrading **post**
translation transcription RNA interference

IT Post-transcriptional processing
Protein degradation
(chemical approaches to controlling intracellular **protein**
degradation)

IT **Proteins**
RNA
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(chemical approaches to controlling intracellular **protein**
degradation)

IT Post-transcriptional processing
(interference; chemical approaches to controlling intracellular
protein degradation)

IT Double stranded RNA
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(small interfering; chemical approaches to controlling intracellular
protein degradation)

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD

ANSWER 7 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:79628 CAPLUS

DN 143:225128

ED Entered STN: 31 Jan 2005

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AB A **review** on recent advances in **protein** inactivation at
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ST **review protein** degrdn **post**
translation transcription RNA interference

IT Post-transcriptional processing
Protein degradation
(chemical approaches to controlling intracellular **protein**
degradation)

IT **Proteins**
RNA
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(chemical approaches to controlling intracellular **protein**
degradation)

IT Post-transcriptional processing
(interference; chemical approaches to controlling intracellular
protein degradation)

IT Double stranded RNA
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(small interfering; chemical approaches to controlling intracellular
protein degradation)

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD

ANSWER 6 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:354761 CAPLUS
DN 144:83149
ED Entered STN: 26 Apr 2005
TI Analysis of **post-translation** modification
AU Yamauchi, Emiko; Taniguchi, Hisaaki
CS Center for Enzyme Research, Tokushima University, Japan
SO Idenshi Igaku Mook (2005), 2, 99-104
CODEN: IIMDBC; ISSN: 1349-2527
PB Medikaru Du
DT Journal; General Review
LA Japanese
CC 9-0 (Biochemical Methods)
AB A **review** on anal. of **post-translation**
modification including principles of **post-translation**
modification anal., identification of modified sites by tandem mass
spectrometry and modification-specific detection by mass spectrometry.
ST **review protein post translation**
analysis tandem mass spectrometry precursorscan
IT Mass spectrometry
Phosphorylation
Phosphorylation, biological
Tandem mass spectrometry
(anal. of **post-translation** modification)
IT **Proteins**
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
(Biological study)
(anal. of **post-translation** modification)
IT Analysis
(biochem., precursor scan; anal. of **post-translation**
modification)

AN 2005:354761 CAPLUS
 DN 144:83149
 ED Entered STN: 26 Apr 2005
 TI Analysis of **post-translation** modification
 AU Yamauchi, Emiko; Taniguchi, Hisaaki
 CS Center for Enzyme Research, Tokushima University, Japan
 SO Idenshi Igaku Mook (2005), 2, 99-104
 CODEN: IIMDBC; ISSN: 1349-2527
 PB Medikaru Du
 DT Journal; General Review
 LA Japanese
 CC 9-0 (Biochemical Methods)
 AB A **review** on anal. of **post-translation**
 modification including principles of **post-translation**
 modification anal., identification of modified sites by tandem mass
 spectrometry and modification-specific detection by mass spectrometry.
 ST **review protein post translation**
 analysis tandem mass spectrometry precursorscan
 IT Mass spectrometry
 Phosphorylation
 Phosphorylation, biological
 Tandem mass spectrometry
 (anal. of **post-translation** modification)
 IT **Proteins**
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL
 (Biological study)
 (anal. of **post-translation** modification)
 IT Analysis
 (biochem., precursor scan; anal. of **post-translation**
 modification)

ANSWER 4 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:354885 CAPLUS

DN 144:83160

ED Entered STN: 26 Apr 2005

TI **Post-translation** modification proteomics: fusion with reverse genetics

AU Matsumoto, Masanori; Nakayama, Keiichi

CS Medical Research Institute of Bio-regulation, Kyushu University, Japan

SO Idenshi Igaku Mook (2005), 2, 298-307

CODEN: IIMDBC; ISSN: 1349-2527

PB Medikaru Du

DT Journal; General Review

LA Japanese

CC 9-0 (Biochemical Methods)

AB A review on **post-translation** modification proteomics and the fusion with reverse genetics including **post-translation** modification related proteomics, phosphorylation related proteomics anal., ubiquitination related proteomics and dynamic anal. of **post-translation** modification related proteome by stable isotopic labeling.

ST **review** posttranslation proteomics reverse genetics phosphorylation IMAC affinity chromatog

IT Affinity chromatography
(IMAC; **post-translation** modification proteomics and fusion with reverse genetics)

IT Gene targeting
(gene knock-out; **post-translation** modification proteomics and fusion with reverse genetics)

IT Mus musculus
(knock-out; **post-translation** modification proteomics and fusion with reverse genetics)

IT Activation analysis
Affinity chromatography
Dynamics
Phosphorylation

(**post-translation** modification proteomics and fusion with reverse genetics)

IT Isotopes
RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
(**post-translation** modification proteomics and fusion with reverse genetics)

IT Proteome
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(**post-translation** modification proteomics and fusion with reverse genetics)

IT Genetic methods
(shot-gun anal.; **post-translation** modification proteomics and fusion with reverse genetics)

IT **Proteins**
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(ubiquitinated; **post-translation** modification proteomics and fusion with reverse genetics)

IT 60267-61-0, Ubiquitin
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(**post-translation** modification proteomics and fusion with reverse genetics)

ANSWER 4 OF 62 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:354885 CAPLUS

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TI **Post-translation** modification proteomics: fusion with reverse genetics

AU Matsumoto, Masanori; Nakayama, Keiichi

CS Medical Research Institute of Bio-regulation, Kyushu University, Japan

SO Idenshi Igaku Mook (2005), 2, 298-307

CODEN: IIMDBC; ISSN: 1349-2527

PB Medikaru Du

DT Journal; General Review

LA Japanese

CC 9-0 (Biochemical Methods)

AB A review on **post-translation** modification proteomics and the fusion with reverse genetics including **post-translation** modification related proteomics, phosphorylation related proteomics anal., ubiquitination related proteomics and dynamic anal. of **post-translation** modification related proteome by stable isotopic labeling.

ST review posttranslation proteomics reverse genetics phosphorylation IMAC affinity chromatog

IT Affinity chromatography
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